



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20070006

Agency Interest No. 3732

Mr. Hanson Leonard
General Manager
PCS Nitrogen Fertilizer, LP
P.O. Box 307
Geismar, LA 70734-0307

RE: Part 70 Operating Permit, PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
PCS Nitrogen Fertilizer LP, Geismar, Ascension Parish, Louisiana

Dear Mr. Leonard:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 7th of June, 2009, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2007.

Permit No.: 2240-V4

Sincerely,

Chuck Carr Brown Ph.D.
Assistant Secretary
CCB: KCW
c: EPA Region VI

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

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AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate
Plant
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I. Background

PCS Nitrogen Fertilizer owns and operates a fertilizer production facility near Geismar, Louisiana. In 1984, the facility ownership was transferred from Allied Corporation to Arcadian Fertilizer, L.P., which was changed to PCS Nitrogen Fertilizer, L.P. in March 1997. The facility consists of four main production groups: phosphate, sulfuric acid, ammonia, and nitrate. The Nitrate Group operated under several permits, including Permit Numbers 731, 1908, 2240, 2240(M-1), 2240(M-2), and PSD-LA-603. The initial Part 70 operating permit 2240-V0 was issued to the Nitrate Group on September 18, 1997 and modified (2240-V1) on November 18, 1999, and again on June 7, 2004.

The PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant currently operates under Permit No. 2240-V3, issued May 16, 2007, and an administrative amendment to PSD Permit PSD-LA-603 issued March 18, 2004. This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire dated June 12, 2007 were submitted by PCS Nitrogen Fertilizer LP requesting a minor modification to the Part 70 operating permit. A revised application dated August 20, 2007 was also submitted.

III. Description

Production of nitric acid is initiated by converting anhydrous ammonia to a vapor. Compressed air and gaseous ammonia are mixed and reacted over a catalyst to produce nitrogen oxides (NO_x). The NO_x gas is cooled and sent to an absorption tower where NO_x is absorbed in water to produce nitric acid. The facility consists of four separate nitric acid trains, numbered from 2 through 5.

Nitric acid is reacted with ammonia to form ammonium nitrate in aqueous solution at the Ammonium Nitrate Plants. This solution is prepared for shipment in the mixing plant. The facility currently has two separate ammonium nitrate lines.

PCS Nitrogen Fertilizer is currently permitted for an average nitric acid production rate of 3,325 tons per day and a maximum production rate of 3,520 tons per day. The total ammonium nitrate production rate is currently permitted for 1,975 tons per day.

PCS Nitrogen is proposing to modify the operations of the No. 3 Nitric Acid train by allowing for the production of stronger acid. The current allowable emission rates are based upon 100% production of 57% strength nitric acid. At times, the market demand for 65%

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nitric acid is high. Currently the facility operates Train No. 3 at a reduced production rate in order to comply with the emission limitations of the issued operating permit. This change would install a selective catalytic reduction unit on Train No. 3 to control emissions of NO_x. This unit would be installed in addition to the existing outlet of the Absorber Unit, and would be operated at all times.

PCS Nitrogen is also incorporating several small previously authorized activities. These include:

- A Case by Case Insignificant activity to add a rainwater pump;
- A Case by Case Insignificant activity to add an ammonia heat exchanger with its emissions incorporated within emission source Nitric Acid Train 5 Fugitives.

PCS Nitrogen is proposing to include new minor sources as follows:

- A request for a change of Tank Service for the 65% Nitric Acid Tank, V-117, to allow for the tank to store either nitric acid or ammonium nitrate;
- Addition of an air compressor for the pressure testing of nitric acid railcars.

The last change is to correct the recordkeeping frequency to match the approved monitoring frequency for the following sources:

- Fume Scrubber 03G-119, Fume Scrubber 218A, Fume Scrubber 308, Ammonium Nitrate Plant 1, and Ammonium Nitrate Plant 2.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	170.88	170.90	+0.02
SO ₂	0.39	0.40	+0.01
NO _x	900.12	900.28	+0.16
CO	946.49	946.50	+0.01
VOC	3.58	3.61	+0.03
Ammonia	129.79	134.87	+5.08
Nitric acid	29.77	29.77	-
Chlorine	3.40	3.40	-

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations. Prevention of Significant Deterioration (PSD), New Source Performance Standards

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(NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply to this modification.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

Public notice is not required for a State Only change of the Title V permit. However, the facility is a major source per LAC 33:III Chapter 51 and the change will increase ammonia above the minimum emission rate. Therefore a State Only public notice is required. (LAC 33:III.5107.D.1.a)

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the *Post/South*, Plaquemine, on <date>, 200X, as well as the *Gonzales Weekly*, Gonzales on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
NH ₃	8-hour	426 µg/m ³	640 µg/m ³
PM ₁₀	24-hour	127.66 µg/m ³	(150 µg/m ³)
	Annual	33.04 µg/m ³	(50 µg/m ³)

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VIII. General Condition XVII Activities

ID	Description	NOx Emissions
NNA-GC-1	Nitric Acid Train Turnaround Activities	250 lbs/train/yr
NNA-GC-2	Nitric Acid Train 4 Ammonia Vaporizer Bleed	52 lbs/yr
NNA-GC-3	Nitric Acid Train Sample Collection Activities	58.4 lbs/train/yr
NNA-GC-4	Nitric Acid Train Emptying & Draining of Equipment	47 lbs/train/year
	Ammonium Nitrate Train 2 Nitric Acid Wash Tank	22.2 lbs/yr
	Ammonium Nitrate Train Turnaround Activities	100 lbs/train/yr
EQT4-GC5	Nitric Acid Train 3 Startup/Shutdown	2882 lbs/yr
EQT9-GC6	Nitric Acid Train 5 Startup/Shutdown	2400 lbs/yr

IX. Insignificant Activities

ID No.:	Description	Citation
N-IA-01	Wastewater Storage Tank 03G-117	Insignificant Activity per LAC 33:III.501.B.5.C.1.
N-IA-02	Chilled Water Tank 03G-118	Insignificant Activity per LAC 33:III.501.B.5.C.1.
N-IA-03	Surge Tank 205	Insignificant Activity per LAC 33:III.501.B.5.C.1.
N-IA-04	Caustic Storage Tank 239	Insignificant Activity per LAC 33:III.501.B.5.B.40.
N-IA-05	Demineralized Water Tank B-102	Insignificant Activity per LAC 33:III.501.B.5.C.1.
N-IA-06	Noncommercial Water Washing Operations of Empty Drums	Insignificant Activity per LAC 33:III.501.B.5.A.7.
N-IA-07	Laboratory Equipment/Vents	Insignificant Activity per LAC 33:III.501.B.5.A.6.
N-IA-08	Rainwater Pump	Insignificant Activity per LAC 33:III.501.B.5.D

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X. Table 1 Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.						LAC 33:III.Chapter								
		509	2103	2111	2115	2307	5 ^A	9	11	13	15	22	29	51*	56	59
EQT0003	Nitric Acid Train 2					1			1	1	1	2		1		
EQT0004	Nitric Acid Train 3					3					2			1		
EQT0005	Nitric Acid Train 3 Steam Superheater							1	1	1						
EQT0006	Nitric Acid Trains 2 & 3 Brine Chiller													1		
EQT0007	Nitric Acid Train 4	1				1		1	1	1	2		1			
EQT0008	Nitric Acid Train 4 Cooling Tower													1		
EQT0009	Nitric Acid Train 5					3					2		1			
EQT0010	Nitric Acid Train 5 Cooling Tower													1		
EQT0011	Nitric Acid Train 5 Ammonia Flash Pot													1		
EQT0012	Fume Scrubber 03G-119													1		
EQT0013	Fume Scrubber 218A													1		
EQT0014	Fume Scrubber 308													1		
EQT0015	Utility Cooling Tower													1		
EQT0016	Utility Boiler No. 2							1	1	1						
EQT0017	Ammonium Nitrate Plant 1								1					1		
EQT0018	Ammonium Nitrate Plant 1 Condensate Tank													1		
EQT0019	Ammonium Nitrate Plant 2									1				1		
EQT0020	Ammonium Nitrate Plant 2 Wastewater Evaporator													1		
EQT0021	Ammonium Nitrate Loading													1		
EQT0022	65% Nitric Acid/Ammonium Nitrate Tank V-117													1		
EQT0023	East Nitric Acid Tank 1 V-107													1		

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		509	2103	2111	2115	2307	5 ^A	9	11	13	15	22	29	51*	56	59
EQT0024	West Nitric Acid Tank 2 V-104													1		
EQT0025	Nitric Acid Solution Tank 201													1		
EQT0026	Nitric Acid Truck Loading Tank 201A													1		
EQT0027	Nitric Acid Truck Loading													1		
EQT0028	Nitric Acid Train 4 - Product Storage Tank West 03G-115													1		
EQT0029	Nitric Acid Train 5 - Product Storage Tank A TK-0001A													1		
EQT0031	Ammonium Nitrate Train 2 - Condensate Tank TK-242													1		
EQT0032	Ammonium Nitrate Plant 2 Neutralizer													1		
EQT0033	Ammonium Nitrate Train 1 - Surge Tank V-304													1		
EQT0034	Ammonium Nitrate Plant 1 Neutralizer													1		
EQT0035	Nitric Acid Train 4 - Product Storage Tank East 03G-116													1		
EQT0036	Nitric Acid Train 5 - Product Storage Tank B TK-0001B													1		
EQT0037	Nitric Acid Railcar Loading Tank													1		
EQT0038	Nitric Acid Train 5 - Startup Tank 125TK005													1		
EQT0131	Nitric Acid Railcar Pressure Testing Air Compressor											1	1	1		
FUG0002	Nitric Acid Train 2 Fugitives													1		
FUG0003	Nitric Acid Train 3 Fugitives													1		
FUG0004	Nitric Acid Train 4 Fugitives	1												1		

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X. Table 1 Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2115	2307	5 [▲]	9	11	13	15	22	29	51*	56	59
FUG0005	Nitric Acid Train 5 Fugitives												1			
FUG0006	Ammonium Nitrate Plant 1 Fugitives												1			
FUG0007	Ammonium Nitrate Plant 2 Fugitives												1			
GRP0034	Nitrate Group						1	1					1	1	1	1

KEY TO MATRIX

- 1 - The regulations have applicable requirements which apply to this particular emission source.
- 2 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 3 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- Blank - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.
- * The regulations clearly do not apply to this type of emission source.
- ▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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X. Table 1 Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60							40 CFR 61							40 CFR 63			40 CFR				
		A	Db	Dc	G	Kb	A	F	J	FF	A	F	G	H	A	F	G	H	64	68	72		
EQT0003	Nitric Acid Train 2				3																1		
EQT0004	Nitric Acid Train 3	1			1																	1	
EQT0005	Nitric Acid Train 3 Steam Superheater																						
EQT0006	Nitric Acid Trains 2 & 3 Brine Chiller																						
EQT0007	Nitric Acid Train 4				3																	1	
EQT0008	Nitric Acid Train 4 Cooling Tower																						
EQT0009	Nitric Acid Train 5	1			1																	1	
EQT0010	Nitric Acid Train 5 Cooling Tower																						
EQT0011	Nitric Acid Train 5 Ammonia Flash Pot																						
EQT0012	Fume Scrubber 03G-119																						
EQT0013	Fume Scrubber 218A																						
EQT0014	Fume Scrubber 308																						
EQT0015	Utility Cooling Tower																						
EQT0016	Utility Boiler No. 2	1																					
EQT0017	Ammonium Nitrate Plant 1																						1
EQT0018	Ammonium Nitrate Plant 1 Condensate Tank																						
EQT0019	Ammonium Nitrate Plant 2																						
EQT0020	Ammonium Nitrate Plant 2 Wastewater Evaporator																						
EQT0021	Ammonium Nitrate Loading																						
EQT0022	65% Nitric Acid/Ammonium Nitrate Tank V-117																						

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ID No.:	Description	40 CFR 60				40 CFR 61				40 CFR 63			40 CFR				
		A	Db	Dc	G	Kb	A	F	J	FF	A	F	G	H	64	68	72
EQT0023	East Nitric Acid Tank 1 V-107																
EQT0024	West Nitric Acid Tank 2 V-104																
EQT0025	Nitric Acid Solution Tank 201																
EQT0026	Nitric Acid Truck Loading Tank 201A																
EQT0027	Nitric Acid Truck Loading																
EQT0028	Nitric Acid Train 4 - Product Storage Tank West 03G-115																
EQT0029	Nitric Acid Train 5 - Product Storage Tank A TK-0001A																
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EQT0036	Nitric Acid Train 5 - Product Storage Tank B TK-0001B																
EQT0037	Nitric Acid Railcar Loading Tank																
EQT0038	Nitric Acid Train 5 - Startup Tank 125TK005																
EQT0131	Nitric Acid Railcar Pressure Testing Air Compressor																
FUG0002	Nitric Acid Train 2 Fugitives																

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ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR						
		A	Db	Dc	G	Kb	A	F	J	FF	A	F	G	H	64	68	72
FUG0003	Nitric Acid Train 3 Fugitives																
FUG0004	Nitric Acid Train 4 Fugitives																
FUG0005	Nitric Acid Train 5 Fugitives																
FUG0006	Ammonium Nitrate Plant 1 Fugitives																
FUG0007	Ammonium Nitrate Plant 2 Fugitives																
GRP0034	Nitrate Group									1							1

KEY TO MATRIX

- 1 - The regulations have applicable requirements which apply to this particular emission source.
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
 - 2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
 - 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.
- Blank - The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT003, EQT007	Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1503.C] Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A]	EXEMPT. Unit emits less than 250 tons of SO ₂ per year and is exempt from LAC 33:III.1503.C. Unit emits less than 100 tpy and is exempt from continuous monitoring. Record and retain at the site for at least 2 years the data required to demonstrate exemption from SO ₂ standards per LAC 33:III.1513. Exemption data shall be reported annually in accordance with LAC 33:III.918.
	Control of NO _x in a nonattainment area LAC 33:III.2201	EXEMPT per LAC 33:III.2201.C.17, subject to LAC 33:III.2307
	NSPS Subpart G for nitric acid plants 40 CFR 60.70	DOES NOT APPLY. These Nitric Acid Trains were constructed prior to 1971
EQT004, EQT009	Control of NO _x in a nonattainment area LAC 33:III.2201	EXEMPT per LAC 33:III.2201.C.17, subject to 40 CFR 60 Subpart G.
	Emission Standards for the Nitric Acid Industry, LAC 33:III.2307	DOES NOT APPLY. The Nitric Acid Trains are subject to 40 CFR 60 Subpart G.
EQT005, EQT016	Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1503.C] Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A]	EXEMPT. Unit emits less than 250 tons of SO ₂ per year and is exempt from LAC 33:III.1503.C. Unit emits less than 100 tpy and is exempt from continuous monitoring. Record and retain at the site for at least 2 years the data required to demonstrate exemption from SO ₂ standards per LAC 33:III.1513. Exemption data shall be reported annually in accordance with LAC 33:III.918.
GRP034	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III. Chapter 51]	EXEMPT. All associated equipment emit pollutants, which are Class III TAPs. These pollutants are not subject to MACT control per LAC 33:III.5109.A. Emissions must be included in the annual TEDI submittal required per LAC 33:III.5107.A.2.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

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emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33:III. Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

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3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

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- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated June 12, 2007 and the revised application dated August 20, 2007.

- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.

- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
 - A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
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- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 3732 PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
Activity Number: PER20070006
Permit Number: 2240-V4
Air - Title V Regular Permit Minor Mod

ID	Name	User Group	Start Date
3	Acc Prev Program Level: 3 (Initial Registration)	Asbestos	03-07-1996
0180-00046	PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant	CDS Number	08-05-2002
LAD980875934	PCS Nitrogen Fertilizer LP	Hazardous Waste Notification	05-17-2000
LA0066257	WPC File Number	LPDES Permit #	05-22-2003
WP1340	WPC State Permit Number	LWDPS Permit #	06-25-2003
	Acadian Fertilizer	Multimedia	08-05-2002
	Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
LA-4903-L01	Radioactive Material License	Radiation License Number	08-06-2000
GD-005-1822	Site ID #	Solid Waste Facility No.	11-21-1999
38914	PCS Nitrogen Fertilizer LP	TEMPO Merge	06-26-2001
67914	Arcadian Corp	TEMPO Merge	01-07-2002
70734RCDNC:HIGHW	TRI #	Toxic Release Inventory	07-14-2004
03018683	UST Facility ID #	UST FID #	05-27-1993

Physical Location:
 10866 Hwy. 75
 (a portion of)
 Geismar, LA 70734
Main FAX: 2256211504
Main Phone: 2256211500

Mailing Address:
 PO Box 307
 Geismar, LA 707340307

Location of Front Gate: 30° 13' 42" 30 hundredths latitude, 91° 2' 55" 10 hundredths longitude, Coordinate Method: GPS Code (Pseudo Range) Differential, Coordinate Datum: NAD83

Name	Mailing Address	Phone (Type)	Relationship
Cheryl Dawson	PO Box 307 Geismar, LA 707340307	CHERYL.DAWSON@pc	Employed by
Cheryl Dawson	PO Box 307 Geismar, LA 707340307	2256211867 (WP)	Employed by
Cheryl Dawson	PO Box 307 Geismar, LA 707340307	2256211867 (WP)	Emission Inventory Contact for
Cheryl Dawson	PO Box 307 Geismar, LA 707340307	CHERYL.DAWSON@pc	Emission Inventory Contact for
Fred A. Elliott	PO Box 307 Geismar, LA 707340307	2256211507 (WP)	Accident Prevention Contact for
Fred A. Elliott	PO Box 307 Geismar, LA 707340307	2256211504 (WF)	Accident Prevention Contact for
Fred A. Elliott	PO Box 307 Geismar, LA 707340307	2256211504 (WF)	Water Billing Party for
Fred A. Elliott	PO Box 307 Geismar, LA 707340307	2256211507 (WP)	Water Billing Party for
Hanson Leonard	PO Box 307 Geismar, LA 707340307	2256211867 (WP)	Responsible Official for
Hanson Leonard	PO Box 307 Geismar, LA 707340307	hanson.leonard@pc	Responsible Official for
Nicole Roper	PO Box 307 Geismar, LA 707340307	2256211808 (WP)	Water Permit Contact For
Nicole Roper	PO Box 307 Geismar, LA 707340307	2256211683 (WF)	Water Permit Contact For
Nicole Roper	PO Box 307 Geismar, LA 707340307	2256211683 (WF)	Accident Prevention Contact for

General Information

AI ID: 3732 PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant

Activity Number: PER20070006

Permit Number: 2240-V4

Air - Title V Regular Permit Minor Mod

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Nicole Roper	PO Box 307 Geismar, LA 707340307	2256211683 (WF)	Accident Prevention Billing Party for
	Nicole Roper	PO Box 307 Geismar, LA 707340307	2256211808 (WP)	Accident Prevention Billing Party for
	Nicole Roper	PO Box 307 Geismar, LA 707340307	2256211808 (WP)	Accident Prevention Contact for
	Nicole Roper	PO Box 307 Geismar, LA 707340307	2256211683 (WF)	Hazardous Waste Permit Contact For
	Nicole Roper	PO Box 307 Geismar, LA 707340307	2256211808 (WP)	Hazardous Waste Permit Contact For
	Ronald Wingate	PO Box 307 Geismar, LA 707340307	2256211856 (WP)	Radiation Safety Officer for
	Ronald Wingate	PO Box 307 Geismar, LA 707340307	2256211683 (WF)	Radiation Safety Officer for
	Ronald Wingate	PO Box 307 Geismar, LA 707340307	ron.wingate@pcsnlr	Radiation Safety Officer for
	Ronald Wingate	PO Box 307 Geismar, LA 707340307	2256602061 (DP)	Radiation Safety Officer for

Related Organizations:	Name	Address	Phone (Type)	Relationship
	PCS Nitrogen Fertilizer LP	PO Box 307 Geismar, LA 707340307		Owns
	PCS Nitrogen Fertilizer LP	PO Box 307 Geismar, LA 707340307		Air Billing Party for
	PCS Nitrogen Fertilizer LP	PO Box 307 Geismar, LA 707340307		Solid Waste Billing Party for
	PCS Nitrogen Fertilizer LP	PO Box 307 Geismar, LA 707340307		UST Billing Party for
	PCS Nitrogen Fertilizer LP	PO Box 307 Geismar, LA 707340307		Haz. Waste Billing Party for
	PCS Nitrogen Fertilizer LP	PO Box 307 Geismar, LA 707340307		Operates
	PCS Nitrogen Fertilizer LP	PO Box 307 Geismar, LA 707340307		Radiation License Billing Party for
	PCS Nitrogen Fertilizer LP	PO Box 307 Geismar, LA 707340307		Emission Inventory Billing Party

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
Activity Number: PER20070006
Permit Number: 2240-V4
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Nitrate Group						
EQT0003	NNA2-1 - Nitric Acid Train 2		182500 tons/yr	500 tons/day	Nitric Acid, Max prod = 520 tpd	8760 hr/yr (All Year)
EQT0004	NNA3-1 - Nitric Acid Train 3		237250 tons/yr	650 tons/day	57% Nitric Acid, (See Alt Scenario)	8760 hr/yr (All Year)
EQT0005	NNA3-3 - Nitric Acid Train 3 - Steam Super Heater		5 MM BTU/hr			8760 hr/yr (All Year)
EQT0006	NNA3-4 - Nitric Acid Train 2 & 3 Brine Chiller					8760 hr/yr (All Year)
EQT0007	NNA4-1 - Nitric Acid Train 4		219000 tons/yr	550 tons/day	Nitric Acid, Max Prod = 600 tpd	8760 hr/yr (All Year)
EQT0008	NNA4-3 - Nitric Acid Train 4 Cooling Tower		15000 gallons/min			8760 hr/yr (All Year)
EQT0009	NNA5-1 - Nitric Acid Train 5		584000 tons/yr	1600 tons/day	Nitric Acid, Max Prod = 1750 tpd	8760 hr/yr (All Year)
EQT0010	NNA5-3 - Nitric Acid Train 5 Cooling Tower		34000 gallons/min			8760 hr/yr (All Year)
EQT0011	NNA5-4 - Nitric Acid Train 5 - Ammonia Oil Flash Pot					8760 hr/yr (All Year)
EQT0012	NNA-1 - Fume Scrubber 03G-119					8760 hr/yr (All Year)
EQT0013	NNA-2 - Fume Scrubber 218A					8760 hr/yr (All Year)
EQT0014	NNA-3 - Fume Scrubber 308					8760 hr/yr (All Year)
EQT0015	NNA-4 - Utility Cooling Tower		60000 gallons/min			8760 hr/yr (All Year)
EQT0016	NNA-5 - Utility Boiler 2		225 MM BTU/hr			8760 hr/yr (All Year)
EQT0017	NAN1-1 - Ammonium Nitrate Plant 1		1175 tons/day		Ammonium Nitrate	8760 hr/yr (All Year)
EQT0018	NAN1-3 - Ammonium Nitrate Plant 1 Condensate Tank	5300 gallons				8760 hr/yr (All Year)
EQT0019	NAN2-1 - Ammonium Nitrate Plant 2		800 tons/day	800 tons/day	Ammonium Nitrate	8760 hr/yr (All Year)
EQT0020	NAN2-3 - Ammonium Nitrate Plant 2 Wastewater Evaporator					8760 hr/yr (All Year)
EQT0021	NAN-1 - Ammonium Nitrate Loading		3000 tons/yr			8760 hr/yr (All Year)
EQT0022	V-117 - 65% Nitric Acid/Ammonium Nitrate Tank	200000 gallons				8760 hr/yr (All Year)
EQT0023	V-107 - East Nitric Acid Tank 1	11280 gallons				8760 hr/yr (All Year)
EQT0024	V-104 - West Nitric Acid Tank 2	7880 gallons				8760 hr/yr (All Year)
EQT0025	201 - Nitric Acid Solution Tank	8723 gallons				8760 hr/yr (All Year)
EQT0026	201A - Nitric Acid Truck Loading Tank	21108 gallons				8760 hr/yr (All Year)
EQT0027	-- Nitric Acid Truck Loading		437 MM tons/yr			8760 hr/yr (All Year)
EQT0028	03G-115 - Nitric Acid Train 4 - Product Storage Tank West	126835 gallons				8760 hr/yr (All Year)
EQT0029	T-0001A - Nitric Acid Train 5 - Product Storage Tank A	685580 gallons				8760 hr/yr (All Year)
EQT0031	TK-242 - Ammonium Nitrate Train 2 - Condensate Tank					8760 hr/yr (All Year)
EQT0032	-- Ammonium Nitrate Plant 2 Neutralizer		800 tons/day			8760 hr/yr (All Year)
EQT0033	V-304 - Ammonium Nitrate Train 1 - Surge Tank	3570 gallons				8760 hr/yr (All Year)
EQT0034	-- Ammonium Nitrate Plant 1 Neutralizer		1175 tons/day			8760 hr/yr (All Year)
EQT0035	03G-116 - Nitric Acid Train 4 - Product Storage Tank East	126835 gallons				8760 hr/yr (All Year)
EQT0036	T-0001B - Nitric Acid Train 5 - Product Storage Tank B	685580 gallons				8760 hr/yr (All Year)
EQT0037	-- Nitric Acid Railcar Loading Tank	17766 gallons				8760 hr/yr (All Year)
EQT0038	125TK005 - Nitric Acid Train 5 - Startup Tank	48000 gallons				8760 hr/yr (All Year)
EQT0039	NNA-7 - Nitric Acid Railcar/Pressure Testing Air Compressor		115 horsepower			182.5 hr/yr (All Year)
FUG0002	NNA2-2 - Nitric Acid Train 2 Fugitives	520 tons/day		500 tons/day	Nitric Acid	8760 hr/yr (All Year)
FUG0003	NNA3-2 - Nitric Acid Train 3 Fugitives	650 tons/day		650 tons/day	Nitric Acid	8760 hr/yr (All Year)
FUG0004	NNA4-2 - Nitric Acid Train 4 Fugitives	600 tons/day		550 tons/day	Nitric Acid	8760 hr/yr (All Year)
FUG0005	NNA5-2 - Nitric Acid Train 5 Fugitives	1750 tons/day		1600 tons/day	Nitric Acid	8760 hr/yr (All Year)

INVENTORIES

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
 Permit Number: 2240-V4
 Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Nitrate Group						
FUG0006	NAN1-2 - Ammonium Nitrate Plant 1 Fugitives				Ammonium Nitrate	8760 hr/yr (All Year)
FUG0007	NAN2-2 - Ammonium Nitrate Plant 2 Fugitives				Ammonium Nitrate	8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Nitrate Group							
EQT0003	NNA2-1 - Nitric Acid Train 2	108	62372	3.5		70	420
EQT0004	NNA3-1 - Nitric Acid Train 3	71.1	53648	4		50	140
EQT0005	NNA3-3 - Nitric Acid Train 3 - Steam Super Heater	10.3	1936	2		51	600
EQT0006	NNA3-4 - Nitric Acid Train 2 & 3 Brine Chiller						
EQT0007	NNA4-1 - Nitric Acid Train 4	109	62984	3.5		144.06	317
EQT0009	NNA5-1 - Nitric Acid Train 5	95.4	148525	5.75		197	244
EQT0011	NNA5-4 - Nitric Acid Train 5 - Ammonia Oil Flash Pot			.83		60	
EQT0012	NNA-1 - Fume Scrubber 03G-119	2		1		30	80
EQT0013	NNA-2 - Fume Scrubber 218A	2		1		30	80
EQT0014	NNA-3 - Fume Scrubber 308	2		1		30	80
EQT0016	NNA-5 - Utility Boiler 2	59	68980	5		100	300
EQT0017	NAN1-1 - Ammonium Nitrate Plant 1	57.17	10776	2		44.5	200
EQT0018	NAN1-3 - Ammonium Nitrate Plant 1 Condensate Tank						
EQT0019	NAN2-1 - Ammonium Nitrate Plant 2	101.1	4760	1.33		42	208
EQT0020	NAN2-3 - Ammonium Nitrate Plant 2 Wastewater Evaporator	204	25429	1.63		27	168
EQT0022	V-117 - 65% Nitric Acid/Ammonium Nitrate Tank						
EQT0023	V-107 - East Nitric Acid Tank 1						
EQT0024	V-104 - West Nitric Acid Tank 2						
EQT0025	201 - Nitric Acid Solution Tank						
EQT0026	201A - Nitric Acid Truck Loading Tank						
EQT0028	03G-115 - Nitric Acid Train 4 - Product Storage Tank West						
EQT0029	T-0001A - Nitric Acid Train 5 - Product Storage Tank A						
EQT0031	TK-242 - Ammonium Nitrate Train 2 - Condensate Tank						
EQT0032	-- - Ammonium Nitrate Plant 2 Neutralizer						
EQT0033	V-304 - Ammonium Nitrate Train 1 - Surge Tank						
EQT0034	-- - Ammonium Nitrate Plant 1 Neutralizer						
EQT0035	03G-116 - Nitric Acid Train 4 - Product Storage Tank East						

INVENTORIES

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
Activity Number: PER20070006
Permit Number: 2240-V4
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Nitrate Group							
EQT0036	T-0001B - Nitric Acid Train 5 - Product Storage Tank B						
EQT0037	- - Nitric Acid Railcar Loading Tank						
EQT0038	125TK005 - Nitric Acid Train 5 - Startup Tank						

Relationships:

ID	Description	Relationship	ID	Description
EQT0022	65% Nitric Acid/Ammonium Nitrate Tank	Controlled by	EQT0014	Fume Scrubber 308
EQT0023	East Nitric Acid Tank 1	Controlled by	EQT0014	Fume Scrubber 308
EQT0024	West Nitric Acid Tank 2	Controlled by	EQT0014	Fume Scrubber 308
EQT0025	Nitric Acid Solution Tank	Controlled by	EQT0013	Fume Scrubber 218A
EQT0026	Nitric Acid Truck Loading Tank	Controlled by	EQT0013	Fume Scrubber 218A
EQT0027	Nitric Acid Truck Loading	Controlled by	EQT0013	Fume Scrubber 218A
EQT0028	Nitric Acid Train 4 - Product Storage Tank West	Controlled by	EQT0012	Fume Scrubber 03G-119
EQT0029	Nitric Acid Train 5 - Product Storage Tank A	Controlled by	EQT0012	Fume Scrubber 03G-119
EQT0031	Ammonium Nitrate Train 2 - Condensate Tank	Controlled by	EQT0019	Ammonium Nitrate Plant 2
EQT0032	Ammonium Nitrate Plant 2 Neutralizer	Controlled by	EQT0017	Ammonium Nitrate Plant 1
EQT0033	Ammonium Nitrate Train 1 - Surge Tank	Controlled by	EQT0017	Ammonium Nitrate Plant 1
EQT0034	Ammonium Nitrate Plant 1 Neutralizer	Controlled by	EQT0017	Ammonium Nitrate Plant 1
EQT0035	Nitric Acid Train 4 - Product Storage Tank East	Controlled by	EQT0012	Fume Scrubber 03G-119
EQT0036	Nitric Acid Train 5 - Product Storage Tank B	Controlled by	EQT0012	Fume Scrubber 03G-119
EQT0037	Nitric Acid Railcar Loading Tank	Controlled by	EQT0012	Fume Scrubber 03G-119
EQT0038	Nitric Acid Train 5 - Startup Tank	Controlled by	EQT0009	Nitric Acid Train 5

Subject Item Groups:

ID	Group Type	Group Description
GRP0034	Permitted Total	
SCN0001	Alternate Operating Scenario	NNA3-1a - Nitric Acid Train No. 3 producing 65% strength acid

Group Membership:

ID	Description	Member of Groups
EQT0003	NNA2-1 - Nitric Acid Train 2	GRP0000000034
EQT0004	NNA3-1 - Nitric Acid Train 3	GRP0000000034, SCN0000000001
EQT0005	NNA3-3 - Nitric Acid Train 3 - Steam Super Heater	GRP0000000034
EQT0006	NNA3-4 - Nitric Acid Train 2 & 3 Brine Chiller	GRP0000000034
EQT0007	NNA4-1 - Nitric Acid Train 4	GRP0000000034
EQT0008	NNA4-3 - Nitric Acid Train 4 Cooling Tower	GRP0000000034
EQT0009	NNA5-1 - Nitric Acid Train 5	GRP0000000034

INVENTORIES

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
Activity Number: PER20070006
Permit Number: 2240-V4
Air - Title V Regular Permit Minor Mod

Group Memberships:

ID	Description	Member of Groups
EQT0010	NNA5-3 - Nitric Acid Train 5 Cooling Tower	GRP0000000034
EQT0011	NNA5-4 - Nitric Acid Train 5 - Ammonia Oil Flash Pot	GRP0000000034
EQT0012	NNA-1 - Fume Scrubber 03G-119	GRP0000000034
EQT0013	NNA-2 - Fume Scrubber 218A	GRP0000000034
EQT0014	NNA-3 - Fume Scrubber 308	GRP0000000034
EQT0015	NNA-4 - Utility Cooling Tower	GRP0000000034
EQT0016	NNA-5 - Utility Boiler 2	GRP0000000034
EQT0017	NAN1-1 - Ammonium Nitrate Plant 1	GRP0000000034
EQT0018	NAN1-3 - Ammonium Nitrate Plant 1 Condensate Tank	GRP0000000034
EQT0019	NAN2-1 - Ammonium Nitrate Plant 2	GRP0000000034
EQT0020	NAN2-3 - Ammonium Nitrate Plant 2 Wastewater Evaporator	GRP0000000034
EQT0021	NAN-1 - Ammonium Nitrate Loading	GRP0000000034
EQT0022	V-117 - 65% Nitric Acid/Ammonium Nitrate Tank	GRP0000000034
EQT0023	V-107 - East Nitric Acid Tank 1	GRP0000000034
EQT0024	V-104 - West Nitric Acid Tank 2	GRP0000000034
EQT0025	201 - Nitric Acid Solution Tank	GRP0000000034
EQT0026	201A - Nitric Acid Truck Loading Tank	GRP0000000034
EQT0027	-- Nitric Acid Truck Loading	GRP0000000034
EQT0028	03G-115 - Nitric Acid Train 4 - Product Storage Tank West	GRP0000000034
EQT0029	T-0001A - Nitric Acid Train 5 - Product Storage Tank A	GRP0000000034
EQT0031	TK-242 - Ammonium Nitrate Train 2 - Condensate Tank	GRP0000000034
EQT0032	-- Ammonium Nitrate Plant 2 Neutralizer	GRP0000000034
EQT0033	V-304 - Ammonium Nitrate Train 1 - Surge Tank	GRP0000000034
EQT0034	-- Ammonium Nitrate Plant 1 Neutralizer	GRP0000000034
EQT0035	03G-116 - Nitric Acid Train 4 - Product Storage Tank East	GRP0000000034
EQT0036	T-0001B - Nitric Acid Train 5 - Product Storage Tank B	GRP0000000034
EQT0037	-- Nitric Acid Railcar Loading Tank	GRP0000000034
EQT0038	125TK005 - Nitric Acid Train 5 - Startup Tank	GRP0000000034
EQT0131	NNA-7 - Nitric Acid Railcar/Pressure Testing Air Compressor	GRP0000000034
FUG0002	NNA2-2 - Nitric Acid Train 2 Fugitives	GRP0000000034
FUG0003	NNA3-2 - Nitric Acid Train 3 Fugitives	GRP0000000034
FUG0004	NNA4-2 - Nitric Acid Train 4 Fugitives	GRP0000000034
FUG0005	NNA5-2 - Nitric Acid Train 5 Fugitives	GRP0000000034
FUG0006	NAN1-2 - Ammonium Nitrate Plant 1 Fugitives	GRP0000000034
FUG0007	NAN2-2 - Ammonium Nitrate Plant 2 Fugitives	GRP0000000034
SCN0001	NNA3-1a - Nitric Acid Train No. 3 producing 65% strength acid	GRP0000000034

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0650	Fertilizer Manufacture (Rated Capacity)	720.88	1,000 Ton/Yr

INVENTORIES

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
Activity Number: PER20070006
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Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0520	Nitric Acid Manufacture (Rated Capacity)	1213.63	1,000 Ton/Yr

SIC Codes:

2819	Industrial inorganic chemicals, nec	AI3732
2873	Nitrogenous fertilizers	AI3732
2873	Nitrogenous fertilizers	GRP034

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
 Permit Number: 2240-V4
 Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Nitrate Group															
EQT 0003 NNA2-1	104.86	125.84	459.30	62.50	135.42	273.75	0.22	0.26	0.95	0.02	0.02	0.07	0.16	0.19	0.69
EQT 0004 NNA3-1				59.58	81.25	260.98									
EQT 0005 NNA3-3	0.40	0.48	1.75	0.48	0.57	2.09	0.04	0.04	0.16	0.01	0.01	0.01	0.03	0.03	0.11
EQT 0007 NNA4-1	104.86	125.84	459.30	44.52	135.42	195.00	0.34	0.40	1.48	0.03	0.03	0.12	0.24	0.29	1.07
EQT 0008 NNA4-3							1.13	1.88	4.93						
EQT 0009 NNA5-1				25.86	200.02	113.26									
EQT 0010 NNA5-3							1.02	1.70	4.47						
EQT 0012 NNA-1				1.96	2.35	8.57									
EQT 0013 NNA-2				0.35	0.42	1.53									
EQT 0014 NNA-3				0.62	0.75	2.72									
EQT 0015 NNA-4							14.41	30.02	63.12						
EQT 0016 NNA-5	5.97	18.00	26.14	7.46	22.50	32.67	0.54	1.63	2.36	0.04	0.13	0.19	0.39	1.18	1.71
EQT 0017 NNA1-1							9.80	14.00	42.92						
EQT 0018 NNA1-3							6.25	7.81	27.36						
EQT 0019 NNA2-1							1.92	2.41	8.43						
EQT 0020 NNA2-3							1.47	1.77	6.45						
EQT 0021 NNA-1							1.88	2.26	8.25						
EQT 0131 NNA-7	0.08	0.15	0.01	1.74	1.74	0.16	0.25	0.51	0.02	0.02	<0.01	0.28	0.57	0.03	
FUG 0002 NNA2-2				0.55	0.65	2.39									
FUG 0003 NNA3-2				0.53	0.64	2.33									
FUG 0004 NNA4-2				0.53	0.63	2.30									
FUG 0005 NNA5-2				0.58	0.69	2.53									

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
 Permit Number: 2240-V4
 Air - Title V Regular Permit Minor Mod

Permit Phase Totals:

PM10: 170.90 tons/yr
 SO2: 0.40 tons/yr
 NOx: 900.28 tons/yr
 CO: 946.50 tons/yr
 VOC: 3.61 tons/yr

Emission rates Notes:

EQT 0007	NOx	Max lb/hr	(PSD-LA-603)	Which Months: All Year
EQT 0007	NOx	Tons/Year	(PSD-LA-603)	Which Months: All Year
FUG 0004	NOx	Max lb/hr	(PSD-LA-603)	Which Months: All Year
FUG 0004	NOx	Tons/Year	(PSD-LA-603)	Which Months: All Year

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant

Activity Number: PER20070006

Permit Number: 2240-V4

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 NNA2-1	Ammonia	3.14	3.37	13.75
EQT 0004 NNA3-1	Ammonia	1.10	1.32	4.82
EQT 0006 NNA3-4	Ammonia	2.47	2.96	10.82
EQT 0007 NNA4-1	Ammonia	11.80	13.06	51.68
EQT 0008 NNA4-3	Chlorine	0.10	0.12	0.45
EQT 0009 NNA5-1	Ammonia	3.49	17.43	15.27
	Nitric acid	0.01	0.01	0.03
EQT 0010 NNA5-3	Chlorine	0.22	0.27	0.98
EQT 0011 NNA5-4	Ammonia	2.50	5.00	10.95
EQT 0012 NNA-1	Nitric acid	0.16	0.65	0.71
EQT 0013 NNA-2	Nitric acid	0.02	0.09	0.10
EQT 0014 NNA-3	Nitric acid	0.05	0.19	0.21
EQT 0015 NNA-4	Chlorine	0.39	0.47	1.73
EQT 0017 NAN1-1	Ammonia	5.00	10.00	21.90
	Nitric acid	1.35	15.00	5.91
EQT 0018 NAN1-3	Nitric acid	0.30	0.38	1.33
EQT 0019 NAN2-1	Nitric acid	0.12	0.15	0.52
EQT 0020 NAN2-3	Ammonia	0.14	0.16	0.60
	Nitric acid	0.11	0.14	0.50
EQT 0021 NAN-1	Ammonia	0.01	0.01	0.05
FUG 0002 NNA2-2	Ammonia	0.06	0.07	0.26
	Nitric acid	0.62	0.75	2.73
FUG 0003 NNA3-2	Ammonia	0.46	0.55	2.00
	Nitric acid	0.62	0.74	2.70
FUG 0004 NNA4-2	Ammonia	0.16	0.19	0.71
	Chlorine	0.07	0.08	0.24
	Nitric acid	1.60	1.92	7.02
	Sulfuric acid	< 0.01	< 0.01	< 0.01
FUG 0005 NNA5-2	Ammonia	0.34	0.42	1.48
	Nitric acid	1.02	1.23	4.48
FUG 0006 NAN1-2	Ammonia	0.06	0.08	0.28
	Nitric acid	0.36	0.44	1.59
FUG 0007 NAN2-2	Ammonia	0.07	0.08	0.30
	Nitric acid	0.44	0.53	1.94

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant

Activity Number: PER20070006

Permit Number: 2240-V4

Air - Title V Regular Permit Minor Mod

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

Permit Parameter Totals:

Ammonia: 134.87 tons/yr

Chlorine: 3.40 tons/yr

Nitric acid: 29.77 tons/yr

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
 Permit Number: 2240-V4
 Air - Title V Regular Permit Minor Mod

EQT0003 Nitric Acid Train 2

- 1 [40 CFR 64.] Nitrogen oxides monitored by CMS continuously.
Which Months: All Year Statistical Basis: One-hour average
- 2 [40 CFR 64.] Nitrogen oxides recordkeeping by CMS continuously.
- 3 [LAC 33:III.2307.C.1.C] Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
- 4 [LAC 33:III.2307.C.1.a] Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division within seven calendar days of a start-up with excess emissions using the procedures provided in LAC 33:1.3925. Explain the conditions and duration of the start-up and list the steps necessary to remedy, prevent, and limit the excess emissions.
Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division within seven calendar days of an upset causing excess emissions, using the procedures provided in LAC 33:1.3925. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent, and limit the excess emissions.
- 6 [LAC 33:III.2307.C.2.c] Minimize the duration of excess emissions and do not allow the ambient air quality standard to be jeopardized.
- 7 [LAC 33:III.2307.D] Nitrogen <= 6.5 lb/ton (3.3 kg/metric ton) of 100 percent acid produced, calculated as nitrogen dioxide. This emission limitation is equivalent to a nitrogen dioxide concentration of approximately 500 ppm by volume.
Which Months: All Year Statistical Basis: None specified
- 8 [LAC 33:III.2307.E] Make or have made tests to determine the emission of air contaminants from any source, as required by DEQ whenever it has reason to believe that an emission in excess of that allowed by LAC 33:III.2307 is occurring. Have all test conducted by reputable, qualified personnel. Give a copy to DEQ of the test results in writing and signed by the person responsible for the test.
- 9 [LAC 33:III.2307.F] Provide, upon request of DEQ, necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices, as may be necessary for proper determination of the emission of air contaminants.
- 10 [LAC 33:III.2307.G] Maintained emissions whose quality is higher than the standards set forth in LAC 33:III.2307 at the higher quality unless it can be affirmatively demonstrated to DEQ that a change in quality is justifiable and will not be contrary to the purpose of these regulations.
- 11 [LAC 33:III.2307.H.1] Determine oxide of nitrogen concentrations in stack gases using the methods listed in LAC 33:III.1503.D.2, Table 4 or such equivalent method approved by DEQ.
- 12 [LAC 33:III.2307.H.2] Calibrate measurement equipment periodically to comply with minimal American Bureau of Standards Criteria.

EQT0004 Nitric Acid Train 3

- 13 [40 CFR 60.72(a)(1)] Nitrogen oxides <= 3 lb/ton (1.5 kg/metric ton) of acid produced, the production being expressed as 100% nitric acid. Subpart G. [40 CFR 60.72(a)(1)]
Which Months: All Year Statistical Basis: None specified
- 14 [40 CFR 60.72(a)(2)] Opacity <= 10 percent. Subpart G. [40 CFR 60.72(a)(2)]
Which Months: All Year Statistical Basis: None specified
- 15 [40 CFR 60.73(a)] Nitrogen oxides monitored by CMS continuously. Subpart G. [40 CFR 60.73(a)]
Which Months: All Year Statistical Basis: None specified
- 16 [40 CFR 60.73(a)] Nitrogen oxides recordkeeping by CMS continuously. Subpart G. [40 CFR 60.73(a)]

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
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 Air - Title V Regular Permit Minor Mod

EQT0004 Nitric Acid Train 3

- 17 [40 CFR 60.73(b)] Establish a conversion factor for the purpose of converting monitoring data into units of the applicable standard (kg/metric ton, lb/ton). Subpart G. [40 CFR 60.73(b)]
- 18 [40 CFR 60.73(c)] Production rate recordkeeping by electronic or hard copy daily. Record the daily production rate and hours of operation. Subpart G. [40 CFR 60.73(c)]
- 19 [40 CFR 60.74(a)] Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.74, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart G. [40 CFR 60.74(a)]
- 20 [40 CFR 60.74(b)] Determine compliance with the NOx standards in 40 CFR 60.72 using the test methods and procedures specified in 40 CFR 60.74(b)(1) through (b)(4), or (c)(1), as applicable. Subpart G. [40 CFR 60.74(b)]
- 21 [40 CFR 60.74(d)] Use the procedure in 40 CFR 60.73(b) to determine the conversion factor for converting the monitoring data to the units of the standard. Subpart G. [40 CFR 60.74(d)]
- 22 [LAC 33:III.507.G.7] Alternate Operating Scenario: Record in a log, contemporaneous with making a change from one operating scenario to another, the scenario under which the facility, units or sources in this permit are operating. Include in this record the identity of the sources involved, the permit number under which the scenario is included, and the date of change. Keep a copy of the log on site for at least two years.

EQT0005 Nitric Acid Train 3 - Steam Super Heater

- 23 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
- 24 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average
- 25 [LAC 33:III.1513.C] Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0007 Nitric Acid Train 4

- 26 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
- 27 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
- 28 [LAC 33:III.2307.C.1.a] Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division within seven calendar days of a start-up with excess emissions using the procedures provided in LAC 33:1.3925. Explain the conditions and duration of the start-up and list the steps necessary to remedy, prevent, and limit the excess emissions.

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
 Permit Number: 2240-V4
 Air - Title V Regular Permit Minor Mod

EQ10007 Nitric Acid Train 4

- 29 [LAC 33:III.2307.C.2.a] Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division within seven calendar days of an upset causing excess emissions, using the procedures provided in LAC 33:III.3925. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent, and limit the excess emissions.
- 30 [LAC 33:III.2307.C.2.c] Minimize the duration of excess emissions and do not allow the ambient air quality standard to be jeopardized.
- 31 [LAC 33:III.2307.D] Nitrogen <= 6.5 lb/ton (3.3 kg/metric ton) of 100 percent acid produced, calculated as nitrogen dioxide. This emission limitation is equivalent to a nitrogen dioxide concentration of approximately 500 ppm by volume.
- 32 [LAC 33:III.2307.E] Which Months: All Year Statistical Basis: None specified
 Make or have made tests to determine the emission of air contaminants from any source, as required by DEQ whenever it has reason to believe that an emission in excess of that allowed by LAC 33:III.2307 is occurring. Have all test conducted by reputable, qualified personnel. Give a copy to DEQ of the test results in writing and signed by the person responsible for the test.
- 33 [LAC 33:III.2307.F] Provide, upon request of DEQ, necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices, as may be necessary for proper determination of the emission of air contaminants.
- 34 [LAC 33:III.2307.G] Maintained emissions whose quality is higher than the standards set forth in LAC 33:III.2307 at the higher quality unless it can be affirmatively demonstrated to DEQ that a change in quality is justifiable and will not be contrary to the purpose of these regulations.
- 35 [LAC 33:III.2307.H.1] Determine oxide of nitrogen concentrations in stack gases using the methods listed in LAC 33:III.1503.D.2, Table 4 or such equivalent method approved by DEQ.
- 36 [LAC 33:III.2307.H.2] Calibrate measurement equipment periodically to comply with minimal American Bureau of Standards Criteria.
- 37 [LAC 33:III.509] Nitrogen oxides <= 3.0 lb/ton of 100% nitric acid produced, using SNCR (<= 98%) (PSD-LA-603).
- 38 [LAC 33:III.509] Which Months: All Year Statistical Basis: Twelve-month rolling average (rolling 1-month basis)
 Nitrogen oxides monitored by CMS continuously. [LAC 33:III.509, 40 CFR 64]
- 39 [LAC 33:III.509] Which Months: All Year Statistical Basis: One-hour average
 Nitrogen oxides recordkeeping by CMS continuously. [LAC 33:III.509, 40 CFR 64]

EQ10009 Nitric Acid Train 5

- 40 [40 CFR 60.72(a)(1)] Nitrogen oxides <= 3 lb/ton (1.5 kg/metric ton) of acid produced, the production being expressed as 100% nitric acid. Subpart G. [40 CFR 60.72(a)(1)]
- 41 [40 CFR 60.72(a)(2)] Which Months: All Year Statistical Basis: None specified
 Opacity <= 10 percent. Subpart G. [40 CFR 60.72(a)(2)]
- 42 [40 CFR 60.73(a)] Which Months: All Year Statistical Basis: None specified
 Nitrogen oxides monitored by CMS continuously. Subpart G. [40 CFR 60.73(a)]
- 43 [40 CFR 60.73(a)] Which Months: All Year Statistical Basis: None specified
 Nitrogen oxides recordkeeping by CMS continuously. Subpart G. [40 CFR 60.73(a)]
- 44 [40 CFR 60.73(b)] Establish a conversion factor for the purpose of converting monitoring data into units of the applicable standard (kg/metric ton, lb/ton). Subpart G. [40 CFR 60.73(b)]
- 45 [40 CFR 60.73(c)] Production rate recordkeeping by electronic or hard copy daily. Record the daily production rate and hours of operation. Subpart G. [40 CFR 60.73(c)]

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
Activity Number: PER20070006
Permit Number: 2240-V4
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EQT0009 Nitric Acid Train 5

- 46 [40 CFR 60.74(a)] Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.74, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart G. [40 CFR 60.74(a)]
- 47 [40 CFR 60.74(b)] Determine compliance with the NOx standards in 40 CFR 60.72 using the test methods and procedures specified in 40 CFR 60.74(b)(1) through (b)(4), or (c)(1), as applicable. Subpart G. [40 CFR 60.74(b)]
- 48 [40 CFR 60.74(d)] Use the procedure in 40 CFR 60.73(b) to determine the conversion factor for converting the monitoring data to the units of the standard. Subpart G. [40 CFR 60.74(d)]

EQT0012 Fume Scrubber 03G-119

- 49 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate \geq 2 gallons/min.
Which Months: All Year Statistical Basis: Instantaneous determination
- 50 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate monitored by measurement once every shift during operation.
Which Months: All Year Statistical Basis: Instantaneous determination
- 51 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate recordkeeping by electronic or hard copy once every shift during operation.

EQT0013 Fume Scrubber 218A

- 52 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate \geq 2 gallons/min.
Which Months: All Year Statistical Basis: Instantaneous determination
- 53 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate monitored by measurement once every shift during operation.
Which Months: All Year Statistical Basis: Instantaneous determination
- 54 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate recordkeeping by electronic or hard copy once every shift during operation.

EQT0014 Fume Scrubber 308

- 55 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate \geq 2 gallons/min.
Which Months: All Year Statistical Basis: Instantaneous determination
- 56 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate monitored by measurement once every shift during operation.
Which Months: All Year Statistical Basis: Instantaneous determination
- 57 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate recordkeeping by electronic or hard copy once every shift during operation.

EQT0016 Utility Boiler 2

- 58 [40 CFR 60.44b] Nitrogen oxides \leq 0.10 lb/MMBTU heat input (expressed as NO2), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.
- 59 [40 CFR 60.46b(c)] Which Months: All Year Statistical Basis: Thirty-day rolling average
Determine compliance with the NOx standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(c) or (f), or under 40 CFR 60.46b(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant

Activity Number: PER20070006

Permit Number: 2240-V4

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EQT0016 Utility Boiler 2

- 60 [40 CFR 60.48b(g)(2)] Fuel monitored by flow rate monitoring device continuously. Monitor fuel usage with the fuel meter specified in the alternate monitoring plan approved by LDEQ on May 28, 2002. Subpart Db. [40 CFR 60.48b(g)(2)]
Which Months: All Year Statistical Basis: Approved basis
- 61 [40 CFR 60.48b(g)(2)] Fuel recordkeeping by CMS continuously. Subpart Db. [40 CFR 60.48b(g)(2)]
- 62 [40 CFR 60.48b(g)(2)] Implement procedures to operate the boiler within the steam, fuel and oxygen limits established during the initial compliance run as approved by LDEQ on May 28, 2002, to continuously demonstrate compliance with the NOx limits. Make the procedures, steam flow - oxygen operating charts and supporting stack test data available upon request. Subpart Db. [40 CFR 60.48b(g)(2)]
- 63 [40 CFR 60.48b(g)(2)] Operate oxygen, steam flow and fuel flow continuous monitoring systems and record hourly data during all periods of operation except for continuous monitoring system breakdowns and repairs. Record hourly data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(g)(2)]
- 64 [40 CFR 60.48b(g)(2)] Oxygen monitored by CMS continuously. Monitor oxygen concentration with the oxygen monitor specified in the alternate monitoring plan approved by LDEQ on May 28, 2002. Subpart Db. [40 CFR 60.48b(g)(2)]
Which Months: All Year Statistical Basis: One-hour average
- 65 [40 CFR 60.48b(g)(2)] Oxygen recordkeeping by CMS continuously. Subpart Db. [40 CFR 60.48b(g)(2)]
- 66 [40 CFR 60.48b(g)(2)] Steam Flow rate monitored by flow rate monitoring device continuously. Monitor steam production flow with the monitor specified in the alternate monitoring plan approved by LDEQ on May 28, 2002. Subpart Db. [40 CFR 60.48b(g)(2)]
Which Months: All Year Statistical Basis: Hourly average
- 67 [40 CFR 60.48b(g)(2)] Steam Flow rate recordkeeping by CMS continuously. Subpart Db. [40 CFR 60.48b(g)(2)]
- 68 [40 CFR 60.49b(d)] Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- 69 [40 CFR 60.49b(g)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]
- 70 [40 CFR 60.49b(i)] Submit reports containing the predicted nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
- 71 [40 CFR 60.49b(o)] Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
- 72 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 73 [LAC 33:III.1513.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
- 74 [LAC 33:III.1513.C] Which Months: All Year Statistical Basis: None specified
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant

Activity Number: PER20070006

Permit Number: 2240-V4

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EQT0017 Ammonium Nitrate Plant 1

- 75 [40 CFR 64.] Scrubber Liquid Flow rate monitored by flow rate monitoring device once every shift during operation. [40 CFR 64, LAC 33:III.1311, LAC 33:III.1101]
Which Months: All Year Statistical Basis: Instantaneous determination
- 76 [40 CFR 64.] Scrubber Liquid Flow rate recordkeeping by electronic or hard copy once every shift during operation. [40 CFR 64, LAC 33:III.1311, LAC 33:III.1101]
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
- 77 [LAC 33:III.1311.C] Scrubber Liquid Flow rate >= 80 gallons/min.
Which Months: All Year Statistical Basis: Instantaneous determination
- 78 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: Instantaneous determination

EQT0018 Ammonium Nitrate Plant 1 Condensate Tank

- 79 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

EQT0019 Ammonium Nitrate Plant 2

- 80 [40 CFR 64.] Scrubber Liquid Flow rate recordkeeping by electronic or hard copy once every shift during operation. [40 CFR 64, LAC 33:III.1311, LAC 33:III.1101]
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
- 81 [LAC 33:III.1311.C] Scrubber Liquid Flow rate >= 80 gallons/min.
Which Months: All Year Statistical Basis: Instantaneous determination
- 82 [LAC 33:III.501.C.6] Scrubber Liquid Flow rate monitored by flow rate monitoring device once every shift during operation.
Which Months: All Year Statistical Basis: Instantaneous determination

EQT0020 Ammonium Nitrate Plant 2 Wastewater Evaporator

- 84 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

EQT0021 Ammonium Nitrate Loading

- 85 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

EQT0131 Nitric Acid Railcar Pressure Testing Air Compressor

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
 Permit Number: 2240-V4
 Air - Title V Regular Permit Minor Mod

EQT0131 Nitric Acid Railcar Pressure Testing Air Compressor

- 86 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
- 87 [LAC 33:III.1513.C] Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

FUG0003 Nitric Acid Train 3 Fugitives

- 88 [40 CFR 60.72(a)(2)] Opacity <= 10 percent. Subpart G. [40 CFR 60.72(a)(2)]
 Which Months: All Year Statistical Basis: None specified

FUG0005 Nitric Acid Train 5 Fugitives

- 89 [40 CFR 60.72(a)(2)] Opacity <= 10 percent. Subpart G. [40 CFR 60.72(a)(2)]
 Which Months: All Year Statistical Basis: None specified

GRP0034 Nitrate Group

- Group Members: EQT0003 EQT0004 EQT0005 EQT0006 EQT0007 EQT0008 EQT0009 EQT0010 EQT0011 EQT0012 EQT0013 EQT0014 EQT0015 EQT0016 EQT0017 EQT0018 EQT0019 EQT0020 EQT0021 EQT0022 EQT0023 EQT0024 EQT0025 EQT0026 EQT0027 EQT0028 EQT0029 EQT0031 EQT0032 EQT0033 EQT0034 EQT0035 EQT0036 EQT0037 EQT0038 EQT0131 FUG0002 FUG0003 FUG0004 FUG0005 FUG0006 FUG0007
- 90 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
 - 91 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.1111 or intensify an existing traffic hazard condition are prohibited.
 - 92 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
 - 93 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
 - 94 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
 - 95 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
 - 96 [LAC 33:III.501.C.6] Arrmonia <= 134.87 tons/yr.
 Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
 Permit Number: 2240-V4
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GRP0034 Nitrate Group

- 97 [LAC 33:III.501.C.6] Carbon monoxide <= 946.50 tons/yr.
Which Months: All Year Statistical Basis: Annual maximum
- 98 [LAC 33:III.501.C.6] Chlorine <= 3.40 tons/yr.
Which Months: All Year Statistical Basis: Annual maximum
- 99 [LAC 33:III.501.C.6] Nitric acid <= 29.77 tons/yr.
Which Months: All Year Statistical Basis: Annual maximum
- 100 [LAC 33:III.501.C.6] Nitrogen oxides <= 900.28 tons/yr.
Which Months: All Year Statistical Basis: Annual maximum
- 101 [LAC 33:III.501.C.6] Particulate matter (10 microns or less) <= 170.90 tons/yr.
Which Months: All Year Statistical Basis: Annual maximum
- 102 [LAC 33:III.501.C.6] Sulfur dioxide <= 0.40 tons/yr.
Which Months: All Year Statistical Basis: Annual maximum
- 103 [LAC 33:III.501.C.6] VOC, Total <= 3.61 tons/yr.
Which Months: All Year Statistical Basis: Annual maximum
- 104 [LAC 33:III.507.E.4] Any permit application to renew an existing permit shall be submitted at least six months prior to the date of permit expiration, or at such earlier time as may be required by the existing permit or approved by the permitting authority. In no event shall the application for permit renewal be submitted more than 18 months before the date of permit expiration.
- 105 [LAC 33:III.509] Comply with the requirements of PSD-LA-603. This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-603.
- 106 [LAC 33:III.5105.A.1] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
- 107 [LAC 33:III.5105.A.2] Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.
- 108 [LAC 33:III.5105.A.3] Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- 109 [LAC 33:III.5105.A.4] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
- 110 [LAC 33:III.5107.A.2] Submit Annual Emissions Report (TED): Due annually, by the 1st of July, to the Office of Environmental Assessment, Air Quality Assessment Division, in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- 111 [LAC 33:III.5107.A.3] Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations"

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Gelsmar Agricultural Nitrogen & Phosphate Plant

Activity Number: PER20070006

Permit Number: 2240-V4

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GRP0034 Nitrate Group

- 112 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- 113 [LAC 33:III.5107.B.2] Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923.
- 114 [LAC 33:III.5107.B.3] Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services, SPOC, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:III.3923.
- 115 [LAC 33:III.5107.B.4] Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii.
- 116 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 117 [LAC 33:III.5111.A] Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified.
- 118 [LAC 33:III.5113.B.1] Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel.
- 119 [LAC 33:III.5113.B.3] Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department.
- 120 [LAC 33:III.5113.B.4] Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e.
- 121 [LAC 33:III.5113.B.5] Analyze samples and determine emissions within 30 days after each emission test has been completed.
- 122 [LAC 33:III.5113.B.5] Submit certified letter: Due to the Office of Environmental Assessment, Air Quality Assessment Division, before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test.
- 123 [LAC 33:III.5113.B.6] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ.
- 124 [LAC 33:III.5113.B.7] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test.

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
 Permit Number: 2240-V4
 Air - Title V Regular Permit Minor Mod

GRP0034 Nitrate Group

- 125 [LAC 33:III.5113.C.1] Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence.
- 126 [LAC 33:III.5113.C.2] Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ.
- 127 [LAC 33:III.5113.C.2] Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin.
- 128 [LAC 33:III.5113.C.2] Submit performance evaluation report: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 60 days of the monitoring system performance evaluation.
- 129 [LAC 33:III.5113.C.3] Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems.
- 130 [LAC 33:III.5113.C.5.a] Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B.
- 131 [LAC 33:III.5113.C.5.a] **Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days.**
- 132 [LAC 33:III.5113.C.5.d] Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS.
- 133 [LAC 33:III.5113.C.5.e] Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS.
- 134 [LAC 33:III.5113.C.5] **Submit plan: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system.**
- 135 [LAC 33:III.5113.C.7] Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ.
- 136 [LAC 33:III.517.A.1] **Submit permit application: Due prior to commencement of construction, reconstruction, or modification of the source, for new or modified sources. Do not commence construction, reconstruction, or modification of any source required to be permitted under LAC 33:III.Chapter 5 prior to approval by the permitting authority.**
- 137 [LAC 33:III.517.B.1] Any application form, report, or compliance certification submitted under this Chapter shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information contained in the application are true, accurate, and complete.
- 138 [LAC 33:III.517.C] **Submit supplementary facts or corrected information: Due promptly upon becoming aware of failure to submit or incorrect submittal regarding permit applications. In addition, provide information as necessary to address any requirements that become applicable to the source after the date of filing a complete application but prior to release of a proposed permit.**
- 139 [LAC 33:III.517.D] **Submit applications for permits in accordance with forms and guidance provided by the DEQ. At a minimum, each permit application submitted under LAC 33:III.Chapter 5 shall contain the information specified in LAC 33:III.517.D. subparagraphs 1-18.**

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant

Activity Number: PER20070006

Permit Number: 2240-V4

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GRP0034 Nitrate Group

- 140 [LAC 33:III.517.E] In addition to those elements listed under LAC 33:III.517.D, include in each application pertaining to a Part 70 source the information specified in LAC 33:III.517.E, Subparagraphs 1-8.
- 141 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert.
- 142 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning.
- 143 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency.
- 144 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7.
- 145 [LAC 33:III.5901.A] Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- 146 [LAC 33:III.5907] Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
- 147 [LAC 33:III.5911.A] Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III. Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division.
- 148 [LAC 33:III.5911.C] Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division, within 60 days after the information in the submitted registration is no longer accurate.
- 149 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

SCN0001 Nitric Acid Train No. 3 producing 65% strength acid

Group Members: EQT0004

- 150 [40 CFR 60.72(a)(1)] Nitrogen oxides <= 3 lb/ton (1.5 kg/metric ton) of acid produced, the production being expressed as 100% nitric acid. Subpart G. [40 CFR 60.72(a)(1)]
- 151 [40 CFR 60.72(a)(2)] Which Months: All Year Statistical Basis: None specified
Opacity <= 10 percent. Subpart G. [40 CFR 60.72(a)(2)]
- 152 [40 CFR 60.73(a)] Which Months: All Year Statistical Basis: None specified
Nitrogen oxides monitored by CMS continuously. Subpart G. [40 CFR 60.73(a)]
- 153 [40 CFR 60.73(a)] Which Months: All Year Statistical Basis: None specified
Nitrogen oxides recordkeeping by CMS continuously. Subpart G. [40 CFR 60.73(a)]
- 154 [40 CFR 60.73(b)] Establish a conversion factor for the purpose of converting monitoring data into units of the applicable standard (kg/metric ton, lb/ton). Subpart G. [40 CFR 60.73(b)]

SPECIFIC REQUIREMENTS

AI ID: 3732 - PCS Nitrogen Fertilizer LP - Nitrate Group - Geismar Agricultural Nitrogen & Phosphate Plant
 Activity Number: PER20070006
 Permit Number: 2240-V4
 Air - Title V Regular Permit Minor Mod

SCN0001 Nitric Acid Train No. 3 producing 65% strength acid

- 155 [40 CFR 60.73(c)] Production rate recordkeeping by electronic or hard copy daily. Record the daily production rate and hours of operation. Subpart G. [40 CFR 60.73(c)]
- 156 [40 CFR 60.74(a)] Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.74, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart G. [40 CFR 60.74(a)]
- 157 [40 CFR 60.74(b)] Determine compliance with the NOx standards in 40 CFR 60.72 using the test methods and procedures specified in 40 CFR 60.74(b)(1) through (b)(4), or (c)(1), as applicable. Subpart G. [40 CFR 60.74(b)]
- 158 [40 CFR 60.74(d)] Use the procedure in 40 CFR 60.73(b) to determine the conversion factor for converting the monitoring data to the units of the standard. Subpart G. [40 CFR 60.74(d)]
- 159 [LAC 33:III.501.C.6] Install, operate, and maintain a selective catalytic reduction device on the emission vent of the No. 3 Nitric Acid Train in order to control emissions of nitrogen oxides while producing nitric acid at an average strength greater than 57%.
- 160 [LAC 33:III.507.G.7] Alternate Operating Scenario: Record in a log, contemporaneous with making a change from one operating scenario to another, the scenario under which the facility, units or sources in this permit are operating. Include in this record the identity of the sources involved, the permit number under which the scenario is included, and the date of change. Keep a copy of the log on site for at least two years.

APPLICATION TRANSMITTAL FORM

State Agency Louisiana Dept. of Env. Quality Date August 2007

Please submit two copies of this form with the application
PART A Administrative Information

Facility Name PCS Nitrogen Fertilizer, LP
 City, County/Parish Geismar, Iberville and Ascension
 State LA Zip 70734 Telephone (225) 621-1500

Facility Mailing Address PCS Nitrogen Fertilizer, LP
 And Contact Person Cheryl Chris Dawson
P.O. Box 307
Geismar, LA 70734

State Permit Number 2240-V3
 Primary SIC Code 2819 (Industrial inorganic chemicals)
 Secondary SIC Code(s) 2873 (Nitrogenous fertilizers)

Place an X under the appropriate description:

<u> </u> New Permit	<u> </u> Renewal	<u> </u> Modification X	<u> </u> Supplemental information
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PART B Technical Information

Place an X next to the appropriate information:

<u>X</u> CO Source	<u>X</u> NO _x Source
<u>X</u> PM ₁₀ Source	<u>X</u> SO ₂ Source
<u>X</u> VOC Source	<u> </u> Lead Source
<u> </u> 112(b) Pollutants	<u> </u> BIF Facility
<u>X</u> PSD Source	<u> </u> Compliance Schedule
<u>X</u> Nonattainment Area	<u> </u> Federal Facility
<u> </u> Acid Rain Source	<u> </u> General Permit Source
<u>X</u> Chloroflourocarbons	<u>X</u> Combustion Source

Number of units subject to Enhanced Monitoring (Part 64)? Four

Within 50 miles of Class I area? No

Within 50 miles of Indian Country? No

Applicable NSPS Subpart? (please list) 40 CFR 60 Subparts A, Db, G, III

Applicable NESHAP Subpart? (please list) 40 CFR 61 Subparts A, FF

Applicable MACT Category(s)? (please list) None

Case by case MACT? No

Distance to nearest Class I Area Approximately 117 miles

APPLICATION TRANSMITTAL FORM

State Agency Louisiana Dept. of Env. Quality Date August 2007

**Please submit two copies of this form with the application
PART A Administrative Information**

Facility Name PCS Nitrogen Fertilizer, LP
 City, County/Parish Geismar, Iberville and Ascension
 State LA Zip 70734 Telephone (225) 621-1500

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		X	

PART B Technical Information

Place an X next to the appropriate information:

<u> X </u> CO Source	<u> X </u> NO _x Source
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<u> X </u> VOC Source	<u> </u> Lead Source
<u> </u> 112(b) Pollutants	<u> </u> BIF Facility
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<u> X </u> Nonattainment Area	<u> </u> Federal Facility
<u> </u> Acid Rain Source	<u> </u> General Permit Source
<u> X </u> Chloroflourocarbons	<u> X </u> Combustion Source

Number of units subject to Enhanced Monitoring (Part 64)? Four

Within 50 miles of Class I area? No

Within 50 miles of Indian Country? No

Applicable NSPS Subpart? (please list) 40 CFR 60 Subparts A, Db, G, IIII

Applicable NESHAP Subpart? (please list) 40 CFR 61 Subparts A, FF

Applicable MACT Category(s)? (please list) None

Case by case MACT? No

Distance to nearest Class I Area Approximately 117 miles

PART 70 OPERATING PERMIT APPLICATION COMPLETENESS CHECKLIST

Date: August 2007
Facility: PCS Nitrogen Fertilizer, LP Geismar Facility, Nitrate Group Iberville and Ascension Parishes
Facility ID Number: 0180-00046 Agency Interest Number: 3732
Application Type: <input type="checkbox"/> Renewal (Part 70) <input checked="" type="checkbox"/> Minor Modification* <input type="checkbox"/> Significant Modification
*Existing Air Permit Number: 2240-V3 (Issued May 16, 2007)

LAC 33:III.	Completeness Questions Relative to the Part 70 Permit Application	Yes	No	N/A	Location Within the Permit Application
517.A Timely Submittal	For Initial Applications, was a copy of the Application also Submitted to EPA?			√	N/A
517.B.1.2 Certification	Does the Application include a Certification by a Responsible Official?	√			Section 3, Section 4
517.B.3 Certification	Does the Application Include Certification by a Professional Engineer or their Designee?	√			Section 3
517.D.1 Identifying Information	Does the Application Include:				
	1. Company Name, Physical and Mailing Address of Facility?	√			Section 3, Section 4
	2. Map showing Location of the Facility?	√			Figure 1
	3. Owner and Operator Names and Agent?	√			Section 3, Section 4
517.D.2 SIC Codes, Source Categories	4. Name and Telephone Number of Plant Manager or Contact?	√			Section 3, Section 4
	Does the Application Include a Description of the Source's Processes and Products, including SIC code?	√			Section 1.4, Section 4
	EPA Source Category of HAPs if applicable?	√			Section 3
517.D.3.6 EIQ Sheets	Has an EIQ Sheet been Completed for each Emission Point whether an Area or Point Source?	√			Section 4
517.D.4 Monitoring Devices	Does the Application Include Identification and Description of Compliance Monitoring Devices or Activities?	√			Section 3

LAC 33:III.	Completeness Questions Relative to the Part 70 Permit Application	Yes	No	N/A	Location Within the Permit Application
517.D.5 Revisions and Modifications Only	For Revisions or Modifications, Does the Application include a Description of the Proposed Change and any Resulting Change in Emissions?	√			Section 1.5
517.D.8 Operating Limitations	Has Information Regarding any Limitations on Source Operation or any Applicable Work Practice Standards been Identified?			√	N/A
517.D.9 Calculations	Are Emission Calculations Provided?	√			Section 4
517.D.10 Regulatory Review	Does the Application Include a Citation and Description of Applicable Louisiana and Federal Air Quality Requirements and Standards?	√			Section 2, Section 3
517.D.11 Test Methods	Has a Description of or a Reference to Applicable Test Methods Used to Determine Compliance with Standards been Provided?	√			Section 3
517.D.12 Major Sources of TAPs	Does the Application include Information Regarding the Compliance History of Sources Owned or Operated by the Applicant (per LAC 33:III.5111)?	√			Section 2, Attachments
517.D.13 Major Sources of TAPs	Does the Application include a Demonstration to show that the Source Meets all Applicable MACT and Ambient Air Standard Requirements?	√			Section 2, Section 3
517.D.14 PSD Sources Only	If Required by DEQ, Does the Application Include Information Regarding the Ambient Air Impact for Criteria Pollutants as Required for the Source Impact Analysis per LAC 33:III.509.K, L, and M?			√	N/A
517.D.15 PSD Sources Only	If Required by DEQ, Does the Application Include a Detailed Ambient Air Analysis?			√	N/A
517.D.16, 18	Has any Additional Information been Provided?		√		N/A
517.D.17 Fees	Has the Fee Code been Identified?	√			Section 3
	Is the Applicable Fee Included with the Application?	√			
517.E.1 Additional Part 70 Requirements	Does the Certification Statement Include a Description of the Compliance Status of Each Emission Point in the Source with All Applicable Requirements?	√			Section 3
517.E.2 Additional Part 70 Requirements	Does the Certification Statement Include a Statement that the Source will continue to Comply with All Applicable Requirements with which the Source is in Compliance?	√			Section 3

LAC 33:III.	Completeness Questions Relative to the Part 70 Permit Application	Yes	No	N/A	Location Within the Permit Application
517.E.3 Additional Part 70 Requirements	Does the Certification Statement Include a Statement that the Source will, on a timely basis, meet All Applicable Requirements that will Become Effective During the Permit Term?	√			Section 3
517.E.4 Additional Part 70 Requirements	Are there Applicable Requirements for which the Source is not in Compliance at the Time of Submittal?		√		N/A
	Does the Application include a Compliance Plan Schedule?			√	N/A
	Does the Schedule Include Milestone Dates for which Significant Actions will occur?			√	N/A
	Does the Schedule Include Submittal Dates for Certified Progress Reports?			√	N/A
517.E.5 Additional Part 70 Requirements Acid Rain	Is this Source Covered by the Federal Acid Rain Program?		√		N/A
	Are the Requirements of LAC 33.III.517.E 1-4 included in the Acid Rain Portion of the Compliance Plan?			√	N/A
517.E.6 Additional Part 70 Requirements	Have any Exemptions from any Applicable Requirements been Requested?	√			Section 3
	Are the List and explanations Provided?	√			Section 3
517.E.7 Additional Part 70 Requirements	Does the Application Include a Request for a Permit Shield?		√		N/A
	Does the Request List those Federally Applicable Requirements for which the Shield is Requested along with the Corresponding Draft Permit Terms and conditions which are Proposed to Maintain Compliance?			√	N/A
517.E.8 Additional Part 70 Requirements	Does the Application Identify and Reasonably Anticipate Alternative Operating Scenarios?		√		N/A
	Does the Application include Sufficient Information to Develop Permit Terms and Conditions for Each Scenario, Including Source Process and Emissions Data?	√			Entire Permit Application
517.F Confidentiality	Does the Application Include a Request for Non-Disclosure (Confidentiality)?		√		N/A

LAC 33:III.	Completeness Questions Relative to the Part 70 Permit Application	Yes	No	N/A	Location Within the Permit Application
525.B Minor Permit Modifications	Does the Application Include a Listing of New Requirements Resulting from the Change?			√	N/A
	Does the Application Include Certification by the Responsible Official that the Proposed Action Fits the Definition of a Minor Modification as per LAC 33:III.525.A.	√			Section 1.3, Section 3
	Does the Certification also Request that Minor Modification Procedures be Used?	√			Section 1.3, Section 3
	Does the Application, for Part 70 Sources, Include the Owner's Suggested Draft Permit and Completed Forms for the Permitting Authority to Use to Notify Affected States?			√	N/A